

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
29 April 2004 (29.04.2004)

PCT

(10) International Publication Number
WO 2004/036526 A3

(51) International Patent Classification⁷: G08C 17/02,
25/02

RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR,
TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(21) International Application Number:
PCT/US2003/033252

(84) Designated States (regional): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,
SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(22) International Filing Date: 20 October 2003 (20.10.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/419,451 18 October 2002 (18.10.2002) US

Declarations under Rule 4.17:

— as to applicant's entitlement to apply for and be granted
a patent (Rule 4.17(ii)) for the following designations AE,
AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH,
CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES,
FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH,
PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN,
TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO
patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG,
ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU,
TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE,
DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT,
RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)
— as to the applicant's entitlement to claim the priority of the
earlier application (Rule 4.17(iii)) for all designations

(71) Applicant (for all designated States except US): JOHN-
SON CONTROLS TECHNOLOGY COMPANY
[US/US]; 650 Waverly, Holland, MI 49423 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): BAMBINI, John, S.
[US/US]; 5490 Brattleboro Drive SE, Kentwood, MI 49508
(US). WITKOWSKI, Todd, R. [US/US]; 2872 Creekview
Drive, Zeeland, MI 49464 (US).

(74) Agent: BRAYER, Michael, S.; Foley & Lardner, 777
E. Wisconsin Avenue, 33rd Floor, Milwaukee, WI 53202-
5306 (US).

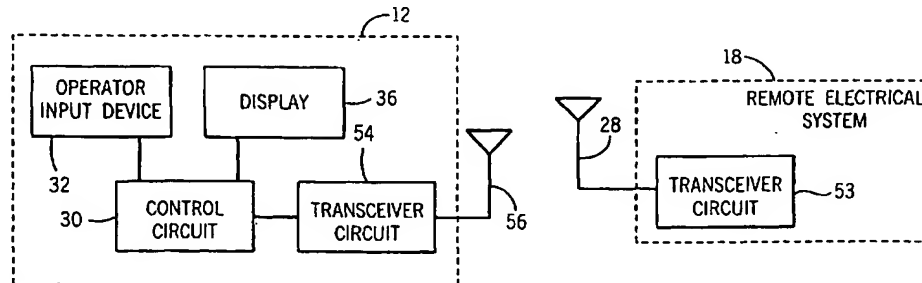
(81) Designated States (national): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE,
GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR,
KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK,
MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT,

Published:

— with international search report

[Continued on next page]

(54) Title: SYSTEM AND METHOD FOR RECEIVING A WIRELESS STATUS SIGNAL IN A VEHICLE FROM A REMOTE ELECTRONIC SYSTEM



(57) **Abstract:** A wireless control system for wireless control of a remote electronic system comprises a trainable transmitter circuit, a receiver circuit, and a control circuit. The trainable transmitter circuit is configured to transmit a wireless control signal having control data which will control the remote electronic system. The receiver circuit is configured to receive a wireless status signal including status data for the remote electronic system sent in response to the wireless control signal. The control circuit is coupled to the trainable transmitter circuit and the receiver circuit and configured to transmit the wireless control signal through the trainable transmitter circuit and to receive the wireless status signal through the receiver circuit.

WO 2004/036526 A3

WO 2004/036526 A3



(88) Date of publication of the international search report:
8 July 2004

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.